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May 20, 2013

Mr. Edward J. Hannon
Environmental, Safety, Health and Medical Manager
Northrop Grumman Corp
600 Grumman Road West
Bethpage, New York 11714

Re: Bethpage Water District
Radium at Plant No. 4
H2M Project No. BPWD 13-50

Dear Mr. Hannon:

As per your request, enclosed please find the analytical results for radiological testing performed at each of the District wells on August 14, 2012, as well as subsequent testing performed at Plant No. 4. As shown, the total radium (226 plus 228) at the wells at Plant No. 4 are at or near 5 pCi/L, while all other District wells are less than 1 pCi/L. Although Plant No. 4 has not exceeded the MCL and the water quality is still within drinking water standards, the District will not risk an MCL exceedence, so Well No. 4-1 has been voluntarily taken out of service and Well No. 4-2 is used sparingly as necessary.

Clearly, the District is greatly concerned about the source and extent of the radium impacting Plant No. 4. Since the plant could be threatened with higher concentrations, it is imperative that the District immediately understand the upgradient water quality as it relates to radium. Unfortunately, as we understand, there has been no radiological testing of the groundwater in any of the OU-2 or OU-3 investigations or monitoring programs. If this is not the case, please provide the District with radiological results from upgradient monitoring wells, including radium. If it is the case, action needs to be taken now to sample upgradient monitoring wells and analyze for radium in an attempt to understand the extent of concentrations in groundwater.

As it is critical to the operation of this plant site, the District, at its own cost and expense, wishes to sample the monitoring wells upgradient of Plant No. 4. Specifically, the District requests your cooperation and asks you to grant access to sample monitoring wells GM-38D2, MW116, GM37D2, GM71D2, MW111, MW109, MW107, MW102 and MW100. Please advise our office with the soonest the District can start to access the wells for testing.

Additionally, in order to best characterize the potential threat to the plant site, please advise our office of any past activities on the property of either OU-1 or OU-3 that could have resulted in the discharge to ground of radiological materials or waste.

Thank you in advance for your cooperation.

Very truly yours,

Holzmaacher, McLendon & Murrell, P.C.

Richard W. Humann, P.E.

cc: Board of Commissioners
Supt. Michael Boufis
Michael Ingham, Esq.
Mr. Steven Scharf, P.E.